

IN THE CLAIMS

Please amend the claims as follows.

1. (Previously Presented) An apparatus comprising:
 - a fuel cell;
 - a microprocessor;
 - a cooling system to cool the fuel cell and the microprocessor, the cooling system including a fluid medium to remove heat from the fuel cell and the microprocessor;
 - a temperature sensor to sense a temperature of the fuel cell; and
 - means for controlling an operating frequency of the microprocessor in response to the temperature.
2. (Previously Presented) The apparatus of claim 1, the fuel cell including at least one electrode through which the fluid medium passes.
3. (Original) The apparatus of claim 1 further comprising a pump to pump the fluid medium.
- 4-6. (Canceled)
7. (Previously Presented) The apparatus of claim 1 further comprising means for modifying a fluid flow in response to the temperature sensed by the temperature sensor.
8. (Previously Presented) The apparatus of claim 1 further comprising means for modifying a power output level of the fuel cell in response to the temperature sensed by the temperature sensor.
9. (Canceled)
10. (Original) The apparatus of claim 1 further comprising a plurality of heat generating devices coupled to the cooling system.

11. (Previously Presented) The apparatus of claim 1, the fluid medium comprising a liquid metal.

12. (Previously Presented) The apparatus of claim 1, the cooling system including a fluid medium that transitions through a phase change.

13-29. (Canceled)

30. (Currently Amended) An electronic system comprising:

a fuel cell;
an integrated circuit;
a cooling system to cool the fuel cell and the integrated circuit, the cooling system including a fluid medium to remove heat from the fuel cell and the integrated circuit;
a temperature sensor to sense a temperature of the fuel cell; and
means for controlling a voltage provided to the integrated circuit in response to the temperature; ~~and,~~
~~an antenna coupled to the integrated circuit.~~

31. (Original) The electronic system of claim 30 wherein the electronic system comprises a computer.

32. (Original) The electronic system of claim 31 wherein the fuel cell is external to the computer.

33. (Original) The electronic system of claim 31 wherein the fuel cell is in a swappable bay of the computer.

34. (Canceled)

35. (New) The electronic system of claim 31 further comprising an antenna coupled to the integrated circuit.

36. (New) An electronic system comprising:

- a fuel cell;
- an integrated circuit;
- a cooling system to cool the fuel cell and the integrated circuit, the cooling system including a fluid medium to remove heat from the fuel cell and the integrated circuit;
- a temperature sensor to sense a temperature of the fuel cell; and
- a controller coupled to control a voltage provided to the integrated circuit in response to the temperature.

37. (New) The electronic system of claim 36 wherein the electronic system comprises a computer.

38. (New) The electronic system of claim 37 wherein the fuel cell is external to the computer.

39. (New) The electronic system of claim 37 wherein the fuel cell is in a swappable bay of the computer.

40. (New) An apparatus comprising:

- a fuel cell;
- a microprocessor;
- a cooling system to cool the fuel cell and the microprocessor, the cooling system including a fluid medium to remove heat from the fuel cell and the microprocessor;
- a temperature sensor to sense a temperature of the fuel cell; and
- a controller coupled to control an operating frequency of the microprocessor in response to the temperature.

41. (New) The apparatus of claim 40 further comprising a plurality of heat generating devices coupled to the cooling system.

42. (New) The apparatus of claim 40, the fuel cell including at least one electrode through which the fluid medium passes.